

Claims

1. A method for registering an application program (300) for use on an information device (100), the
5 application program being downloadable to the information device (100) via a communications interface, wherein the method comprises the step of:
accessing data (310) associated with, and stored on, the wireless information device (100) by the
10 application program;
wherein the method is characterised by the steps of:
running a self-registration function; and
transmitting registration data (340) wirelessly to a remote registration server (207) to register the
15 application program.
2. A method for registering an application program (300) according to Claim 1 further characterised by the step of:
20 activating the application program (345) following transmission of the registration data (340).
3. A method for registering an application program (300) according to Claim 1 further characterised by the
25 step of:
authorising a wireless transmission of registration in order to activate the application program.
- 30 4. A method for registering an application program (300) according to Claim 3 when a transmission is not

authorised, wherein the method is further characterised by any of the following steps:

quitting or disabling the application program,
attempting to re-register at a subsequent
5 execution of the application program, or
continuing to request a transmission of the
registration data.

5. A method for registering an application program
10 (300) according to Claim 1 further characterised by the
step of:

writing registration data to a registration
memory associated with the device, following transmission
of the registration data.

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6. A method for registering an application program
(300) according to Claim 1 wherein the step of accessing
data comprises the step of searching for registration
data in a memory element of the information device
20 following execution of the application program in order
to determine whether to perform the step of transmitting
registration data.

7. A method for registering an application program
25 (300) according to Claim 1 further characterised in that
the registration data is transmitted using a wireless
communications protocol, for example the GSM Short
Messaging Service protocol.

30 8. A method for registering an application program
(300) according to Claim 1 further characterised in that
the application program is written in Java language.

9. A method for registering an application program (300) according to Claim 1 further characterised in that the application program is a Java MIDlet conform program.

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10. A method for registering an application program (300) according to Claim 1 further characterised in that the step of transmitting registration data (340) comprises transmitting an application program identifier and/or a wireless information device identifier.

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11. A method for registering an application program (300) according to Claim 10 further characterised in that the step of transmitting registration data (340) comprises transmitting an identifier of a registration server.

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12. A method for registering an application program (300) according to Claim 10 further characterised by the step of:

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storing, by a registration server (207), the application program registration data, the application program identifier and/or a wireless information device identifier in a registration data-base (208).

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13. A method for registering an application program (300) according to Claim 10 further characterised by the step of:

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tracking a use and/or a user of the application program using the application program identifier and/or a wireless information device identifier.

14. A method for registering and activating a Java MIDlet application program stored on a mobile wireless information device (300) comprising, upon execution of the MIDlet, the following steps:

- 5 (i) Searching for registration data in the Record Management System (RMS) of the device (310);
- (ii) Allowing the program to execute if said registration data is held in the RMS (320);
- (iii) Requesting to send an SMS text message if
- 10 said registration data is not in the RMS (325);
- (iv) Quitting the application or repeating the request if said request is denied;
- (v) Sending a SMS text message to a remote registration server (340), the telephone number or
- 15 contact code of the registration server being available to the MIDlet, said message containing an ID code associated with the application and the telephone number of the mobile wireless device, if said request is allowed;
- 20 (vi) Storing a record of the registration into the RMS of the device; and
- (vii) Allowing the application to run (345).

15. A registration server (207) for use in

25 implementing the method steps of Claim 1 characterised in that the registration server (207) is registered with a SMSC (203) for the purposes of receiving application registration data via a SMS text message, said server (207) being capable of interpreting the data stored in

30 the text message and storing said data in a server side registration database (208).

16. A registration server (207) according to Claim 15, further characterised in that the registration server (207) comprises a processor for receiving, interpreting and storing application program registration data, an application program identifier and/or a wireless information device identifier in a registration database (208).

17. A registration server (207) for use in implementing the method steps of Claim 14 characterised in that the registration server (207) is registered with a SMSC (203) for the purposes of receiving application registration data via a SMS text message, said server (207) being capable of interpreting the data stored in the text message and storing said data in a server side registration database (208).

18. A registration server (207) according to Claim 17, further characterised in that the registration server (207) comprises a processor for receiving, interpreting and storing application program registration data, an application program identifier and/or a wireless information device identifier in a registration database (208).

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19. A wireless information device (100) comprising:
a processing function (108) capable of supporting a Java Virtual Machine (109), wherein the Java Virtual Machine supports wireless messaging services and MIDlets;
a memory element (116) operably coupled to the processing function (108) comprising a Java application program;

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wherein the wireless information device (100) is characterised by:

5 a wireless communication mechanism operationally responsive to the processing function (108) such that registration data is transmitted to a remote server, for example using short message service text messages in order to activate the application program.

20. A wireless information device (100) according to
10 Claim 19, further characterised by the memory element comprising an application program identifier and/or a wireless information device identifier to transmit to the remote server.

15 21. A wireless information device (100) according to Claim 19 further characterised by the processing function (108) activating the application program following transmission of the registration data.

20 22. A wireless information device (100) according to Claim 19 further characterised by the processing function (108) writing registration data to memory element (116) following transmission of the registration data.

25 23. A wireless information device (100) according to Claim 19 further characterised in that the wireless information device (100) is a mobile telephone (100, 201) or a PDA or a laptop or mobile computer.